Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 04 Dec 2022 until 23:59 on Monday 05 Dec 2022

Forecast Issued on Saturday 03 Dec 2022 at 11:38

Confidence: High for showery easterly at first, also for the flow veering to a colder but more sheltered northerly from late Monday.

Headline for Sunday 04 Dec 2022: Rather cloudy with strong easterly winds bringing showers and a severe wind chill at height.

Mountain weather hazards on Sunday 04 Dec 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Cloudy	Light snow showers (night)	Light snow	Light snow	Light snow showers	Light snow showers (night)	Light snow showers (night)
Precipitation probability							
30%	20%	40%	60%	60%	60%	40%	30%

Forecast for Sunday 04 Dec 2022

Weather: Rather cloudy and showery. Outbreaks always more frequent and heavier across eastern hills, with snow level around 500m. Best of the limited brighter spells expected west of Derwent Water.

Chance of cloud-free hill tops above 800m: Ranging from 70% for Scafell Pike and 10-20% across High Street

Low cloud and visibility: Good becoming moderate or poor in rain showers, very poor in snow showers and within cloud with bases quite extensive in east and occasional in west from 500m

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Met Office Mountain Weather Forecast

Forecast for Sunday 04 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	24/31 E	24/30 NE	27/34 NE	30/38 NE	27/35 NE	28/37 NE	28/37 NE	26/34 NE	23/31 NE
600	17/25 E	14/20 NE	15/22 NE	18/27 NE	17/25 NE	20/29 NE	19/28 NE	17/25 NE	15/22 NE
300	8/23 E	4/18 NE	7/21 NE	8/23 NE	8/22 NE	8/23 NE	6/21 NE	5/20 NE	5/17 NE
Valley	8/20 NE	8/19 NE	11/25 NE	10/25 NE	10/23 NE	10/24 NE	9/22 NE	10/22 NE	9/20 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-10	-3/-10	-2/-10	-2/-10	-1/-9	-1/-9	-1/-9	-1/-9	-1/-8
600	-0/-6	-1/-6	-1/-6	0/-6	1/-5	1/-5	1/-6	1/-5	1/-4
300	2/-2	1/-1	1/-2	2/-1	3/0	3/0	3/0	3/1	3/1
Valley	4/1	4/1	4/-0	4/1	6/3	6/3	5/2	5/2	6/3
Freezing Level*	600m	500m	500m	700m	700m	800m	700m	700m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some difficult conditions in the east with quite extensive hill fog and frequent snow showers coupled with severe wind chill at height.

Forecast for Monday 05 Dec 2022

Weather: Mainly cloudy with further showers, these always focused across the east and wintry above around 500m, but gradually dwindling through the afternoon and evening.

Maximum wind: East mean 20-25mph with gusts reaching 35mph across most exposed ridges and summits, easing gradually from mid-morning, also backing to the north late in the day.

Chance of cloud-free hill tops above 800m: Initially 70% in west, 10-20% in east, becoming by early evening 90% in west, 60% in east

Low cloud and visibility: Good becoming moderate or poor in rain showers, very poor in snow showers and within cloud with bases initially quite extensive in east and occasional in west from 500m, improving later as showers ease.

Temperature: **Valleys:** Zero Celsius increasing 9 Celsius during the afternoon
At 800m: Minus 1-2 Celsius
Freezing level: 600-700m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 3 December Location: Helvellyn summit at 12:05 Temperature: minus 1.5C Maximum wind speed 21.3mph Wind chill: minus 10.1C Average wind speed: 16.5mph. Full report: A cold day with cloud clinging to the higher fells for much of the day but with bright spells for many parts of the region. The Lakeland fells are currently snow-free, however, subzero temperatures overnight and freezing conditions throughout the day on the higher fells today meant that ground frost was present above roughly 800m and rime ice was also beginning to form on cold windward surfaces. Snow flurries also came and went during the afternoon. Striding and Swirral edge were in good condition today with mostly dry rock underfoot, and the frost and rime ice not adding to the difficulties significantly. It should be noted that the summit temperature today was around -1.5C so any precipitation falling overnight is likely to fall as snow over high ground. The windchill (feels-like) temperature was around -10ºC today making it feel extremely cold for anyone stood still for too long and/or inadequately dressed.

Issued at: 1138 on Sat 03 Dec 2022

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